Data Sheet
FUJITSU Server PRIMERGY RX2530 M1 Dual socket 1U rack server

Maximum productivity in a 1U housing

FUJITSU Server PRIMERGY systems provide the most powerful and flexible data center solutions for companies of all sizes, across all industries and for any type of workload. This includes expandable PRIMERGY tower servers for remote and branch offices, versatile rack-mount servers, compact and scalable blade systems, as well as density-optimized scale-out servers. They convince by business proven quality with a wide range of innovations, highest efficiency cutting operational cost and complexity, and provide more agility in daily operations in order to turn IT faster into a business advantage.

FUJITSU Server PRIMERGY RX rack systems are versatile rack-optimized servers providing best-in-class performance and energy efficiency, and thus form the "standard" in each data center. PRIMERGY RX servers deliver 20 years of development and production know-how resulting in extremely low failure rates below market average, and lead to continuous operations and outstanding hardware availability.

PRIMERGY RX2530 M1

The FUJITSU Server PRIMERGY RX2530 M1 is a rack server that provides high performance, expandability and energy efficiency in a 1U space saving housing. The PRIMERGY RX2530 M1 is ideal for virtualization, scale-out scenarios, and small databases as well as for high performance computing thanks to the high performance of the new Intel® Xeon® processor E5-2600 v3 product family with up to 18 cores and the latest DDR4 memory technology. Moreover, the RX2530 M1 delivers a great expandability by supporting up to 1536 GB of DDR4 memory (available later in 2015) up to 10 hard disk drives and optionally up to four high-speed PCIe SSDs as well as flexible DynamicLoM technology, to ensure future requirements are met and budgets are saved. The limited space of a 1U chassis offers highly efficient power supply units, their redundancy on demand and the optional Cool-safe® Advanced Thermal Design this will result in lower operational costs.

Features & Benefits

Main Features	Benefits
Versatile Performance to cope with data growth	
■ Intel® Xeon® E5-2600 v3 product family with up to 18 cores ■ Up to 1536 GB DDR4 memory (24 DIMM slots) (available later in 2015) ■ Ideal scalability of either up to 8x 2.5-inch HDD/SSD + 1x ODD or up to 10x 2.5-inch, thereof optionally up to 4x PCIe 2.5-inch SSD SFF (not available with initial system release) ■ 4x PCIe Gen3 slots	■ Ready for the future and data growth scenarios with the performance of two processors – marking the standard of tomorrow with an increase in computing power ■ DDR4 memory enables for higher bandwidth and lower consumption, optimized for virtualization and clouds, small data centers and high performance computing ■ Flexible expandability and diverse options for storage devices permits for the integration of existing and new SSD and HDD as needed. Less today, more in future – or vice versa.
Increased Energy Effciency	
■ Fujitsu's Cool-safe® Advanced Thermal Design for higher ambient temperatures in the data center ■ Power supply units with 96% energy efficiency	■ Higher ambient temperatures lead to lower costs for cooling the data center ■ Highly efficient hot-plug power supplies save energy costs and make it easy to maintain the running system and ensure a 99,997% uptime
Foundation for Trust and Security	
■ Fujitsu ServerView Suite including tools for installation and deployment, permanent status monitoring and control ■ BIOS, firmware and selected software are updated free of charge	■ The comprehensive tools of the Fujitsu ServerView Suite eases the administrators life ■ Updates are very important in a fast-paced world, especially considering cyber crime
Innovations simplifying management and freeing up IT resources	
■ DynamicLoM to select the network connector of your choice - "plug&play-design" with 3 different port types, 3 different numbers of ports, and 2 different speeds and no need to upgrade to a new chip or new drivers. ■ RAID Controller embedded	■ DynamicLoM guarantees the highest flexibility to integrate the server into existing infrastructures – now and in future without overhauling the existing infrastructure ■ For cost efficient and basic RAID requirements, support for the most common configurations is conveniently embedded on the system board and does not require a dedicated controller
Extended lifecycle	
■ The PRIMERGY RX2530 M1 is available for an extended time frame. While the regular lifecycle of PRIMERGY RX servers is around two years, configurations with the „long lifecycle" option however can be ordered over five years	■ The extended availability offers planning reliability for long-term projects, integrated systems and public sector customers where a server system has to stay the same over a longer period of time

Technical details

PRIMERGY RX2530 M1			
Base unit	PRIMERGY RX2530 M1 LFF	PRIMERGY RX2530 M1 SFF	PRIMERGY RX2530 M1 SFF
Housing types	Rack	Rack	Rack
Storage drive architecture	4x 3.5-inch SAS/SATA	8x 2.5-inch SAS/SATA	10 x 2.5-inch SAS/SATA/SSD
Power supply	Hot-plug	Hot-plug	Hot-plug

Mainboard	
Mainboard type	D3279
Chipset	Intel® C612
Processor quantity and type	1 - 2 x Intel® Xeon® processor E5-2600 v3 product family-based platform

Processor	
	Intel® Xeon® processor E5-2603v3 (6C/6T, 1.60 GHz, TLC: 15 MB, Turbo: No, 6.4 GT/s, Mem bus: 1,600 MHz, 85 W, AVX Base 1.30 GHz)
	Intel® Xeon® processor E5-2609v3 (6C/6T, 1.90 GHz, TLC: 15 MB, Turbo: No, 6.4 GT/s, Mem bus: 1,600 MHz, 85 W, AVX Base 1.90 GHz)
	Intel® Xeon® processor E5-2620v3 (6C/12T, 2.40 GHz, TLC: 15 MB, Turbo: 2.60 GHz, 8.0 GT/s, Mem bus: 1,866 MHz, 85 W, AVX Base 2.10 GHz, AVX Turbo 2.60 GHz)
	Intel® Xeon® processor E5-2623v3 (4C/8T, 3.00 GHz, TLC: 10 MB, Turbo: 3.30 GHz, 8.0 GT/s, Mem bus: 1,866 MHz, 105 W, AVX Base 2.70 GHz, AVX Turbo 3.30 GHz)
	Intel® Xeon® processor E5-2630Lv3 (8C/16T, 1.80 GHz, TLC: 20 MB, Turbo: 2.10 GHz, 8.0 GT/s, Mem bus: 1,866 MHz, 55 W, AVX Base 1.50 GHz, AVX Turbo 2.10 GHz)
	Intel® Xeon® processor E5-2630v3 (8C/16T, 2.40 GHz, TLC: 20 MB, Turbo: 2.60 GHz, 8.0 GT/s, Mem bus: 1,866 MHz, 85 W, AVX Base 2.10 GHz, AVX Turbo 2.60 GHz)
	Intel® Xeon® processor E5-2637v3 (4C/8T, 3.50 GHz, TLC: 15 MB, Turbo: 3.60 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 135 W, AVX Base 3.20 GHz, AVX Turbo 3.50 GHz)
	Intel® Xeon® processor E5-2640v3 (8C/16T, 2.60 GHz, TLC: 20 MB, Turbo: 2.80 GHz, 8.0 GT/s, Mem bus: 1,866 MHz, 90 W, AVX Base 2.20 GHz, AVX Turbo 2.80 GHz)
	Intel® Xeon® processor E5-2643v3 (6C/12T, 3.40 GHz, TLC: 20 MB, Turbo: 3.60 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 135 W, AVX Base 2.80 GHz, AVX Turbo 3.40 GHz)
	Intel® Xeon® processor E5-2650Lv3 (12C/24T, 1.80 GHz, TLC: 30 MB, Turbo: 2.10 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 65 W, AVX Base 1.50 GHz, AVX Turbo 2.10 GHz)
	Intel® Xeon® processor E5-2650v3 (10C/20T, 2.30 GHz, TLC: 25 MB, Turbo: 2.60 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 105 W, AVX Base 2.00 GHz, AVX Turbo 2.60 GHz)
	Intel® Xeon® processor E5-2660v3 (10C/20T, 2.60 GHz, TLC: 25 MB, Turbo: 2.90 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 105 W, AVX Base 2.20 GHz, AVX Turbo 2.90 GHz)
	Intel® Xeon® processor E5-2667v3 (8C/16T, 3.20 GHz, TLC: 20 MB, Turbo: 3.40 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 135 W, AVX Base 2.70 GHz, AVX Turbo 3.30 GHz)
	Intel® Xeon® processor E5-2670v3 (12C/24T, 2.30 GHz, TLC: 30 MB, Turbo: 2.60 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 120 W, AVX Base 2.00 GHz, AVX Turbo 2.60 GHz)
	Intel® Xeon® processor E5-2680v3 (12C/24T, 2.50 GHz, TLC: 30 MB, Turbo: 2.90 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 120 W, AVX Base 2.10 GHz, AVX Turbo 2.80 GHz)
	Intel® Xeon® processor E5-2683v3 (14C/28T, 2.00 GHz, TLC: 35 MB, Turbo: 2.50 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 120 W, AVX Base 1.70 GHz, AVX Turbo 2.50 GHz)
	Intel® Xeon® processor E5-2690v3 (12C/24T, 2.60 GHz, TLC: 30 MB, Turbo: 3.10 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 135 W, AVX Base 2.30 GHz, AVX Turbo 3.00 GHz)
	Intel® Xeon® processor E5-2695v3 (14C/28T, 2.30 GHz, TLC: 35 MB, Turbo: 2.80 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 120 W, AVX Base 1.90 GHz, AVX Turbo 2.60 GHz)
	Intel® Xeon® processor E5-2697v3 (14C/28T, 2.60 GHz, TLC: 35 MB, Turbo: 3.10 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 145 W, AVX Base 2.20 GHz, AVX Turbo 2.90 GHz)
	Intel® Xeon® processor E5-2698v3 (16C/32T, 2.30 GHz, TLC: 40 MB, Turbo: 2.80 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 135 W, AVX Base 1.90 GHz, AVX Turbo 2.50 GHz)
	Intel® Xeon® processor E5-2699v3 (18C/36T, 2.30 GHz, TLC: 45 MB, Turbo: 2.80 GHz, 9.6 GT/s, Mem bus: 2,133 MHz, 145 W, AVX Base 1.90 GHz, AVX Turbo 2.60 GHz)

Memory slots	24 (12 DIMMs per CPU, 4 channels with 3 slots per channel)
Memory slot type	DIMM (DDR4)
Memory capacity (min. - max.)	8 GB - 1.536 GB

Memory protection	Advanced ECC Memory Scrubbing SDDC (Chipkill™) Rank sparing memory support Memory Mirroring support
Memory notes	Memory Mirroring with identical modules in both channel pairs of a bank (4 modules per bank), Rank sparing or Performance Mode with identical modules in all four channels (4 modules per bank).
Memory options	8 GB (1 module(s) 8 GB) DDR4, registered, ECC, 2,133 MHz, PC4-2133R, DIMM, 1Rx4
	8 GB (1 module(s) 8 GB) DDR4, registered, ECC, 2,133 MHz, PC4-2133R, DIMM, 2Rx8
	16 GB (1 module(s) 16 GB) DDR4, registered, ECC, 2,133 MHz, PC4-2133R, DIMM, 2Rx4
	32 GB (1 module(s) 32 GB) DDR4, registered, ECC, 2,133 MHz, PC4-2133P, LRDIMM, 4Rx4
	32 GB (1 module(s) 32 GB) DDR4, registered, ECC, 2,133 MHz, PC4-2133R, DIMM, 2Rx4
Memory modules notes	1536 GB memory expected to be available Q2/2015, current max. memory capacity 768 GB
Interfaces	
USB 2.0 ports	1 x USB 2.0 (1x rear)
USB 3.0 ports	5 x USB 3.0 (2x front, 2x rear, 1x internal) - for base unit with 10x 2.5" drives 1x USB2.0 at front only
Graphics (15-pin)	2 x VGA (thereof 1x front optional - not for base unit with 10x 2.5" drives)
Serial 1 (9-pin)	1 x optional (occupies PCIe slot)
Management LAN (RJ45)	1 x dedicated management LAN port for iRMC S4 (10/100/1000 Mbit/s) Management LAN traffic can be switched to shared onboard LAN port
Onboard or integrated Controller	
RAID controller	additional RAID controller options are described under Components RAID controller
SATA Controller	Intel® C612, 1 x SATA channel for ODD
LAN Controller	DynamicLoM based on Emulex XE100 series. 2x 1Gbit/s Dynamic LoM#4x 1Gbit/s Dynamic LoM#2x 10Gbit/s 10GBASE-T Dynamic LoM#2x 10Gbit/s SFP+ Dynamic LoM. All supported features are described in relevant system configurator. PXE-Boot via LAN from PXE server, iSCSI / FCoE boot (also diskless). Extra LAN controller(PCIe Cards) are listed below. (i210 LAN card via project release possible)
Remote management controller	Integrated Remote Management Controller (iRMC S4, 256 MB attached memory incl. graphics controller) IPMI 2.0 compatible
Onboard controller notes	Onboard 8x S-ATA 6Gbit/s RAID Controller (RAID 0,1) for up to 8x S-ATA drives available. (up to 4x 3.5" HDD @ launch, up to 8x 2.5" HDD later)
Trusted Platform Module (TPM)	Infineon / separate module; TCG V1.2 compliant (option)
Slots	
PCI-Express 3.0 x8	2 x Low profile
PCI-Express 3.0 x16	2 x Low profile (2nd processor required for slot 4); 1x16 if fh slot selected
Slot Notes	Slot 1 (internal): PCIe Gen3 x8 @CPU1 is dedicated for the modular RAID Controller. Slot 2: PCIe Gen3 x8 @CPU1 for low profile cards with up to 167mm length Slot 3: PCIe Gen3 x16 @CPU1 for low profile cards with up to 167mm length Slot 4 standard: PCIe Gen3 x16 @CPU2 for low profile cards with up to 167mm length Slot 4 option: PCIe Gen3 x16 @CPU2 for full height cards with up to 167mm length (!in this case, slot 3 is not available)
Drive bays (Base unit specific)	
Storage drive bays	up to 8 x 2.5-inch, 10 x 2.5-inch or 4 x 3.5-inch baseunit
Accessible drive bays	1 x 5.25/0.4-inch for CD-RW/DVD
Notes accessible drives	Not for 10 x 2.5-inch base unit. All possible options described in relevant system configurator.

Drive bays (Base unit specific)			
Storage drive bays	up to 4x 3.5" (LFF) hot plug drives (SAS/SATA)	up to 4x 2.5" (SFF) hot plug drives (SAS/SATA); option for upgrade to 8x 2.5" (SFF) hot plug drives	up to 10x 2.5" (SFF) hot plug drives (SAS/SATA); therein up to 4x bays are prepared for 2.5" PCIe Flash SSD.
Optional accessible drives	Ultra slim 9.5mm optical drive (optional)	Ultra slim 9.5mm optical drive (optional)	-o-

General system information	
Number of fans	8
Fan configuration	redundant / hot-plug
Fan notes	3+1 double-fans for 1 CPU configuration; 7+1 double-fans for 2 CPU configuration

Operating panel

Operating buttons	On/off switch Reset button NMI button ID button
Status LEDs	System status (orange / yellow) Identification (blue) Hard disks access (green) Power (amber / green) At system rear side: System status (orange / yellow) Identification (blue) LAN connection (green) LAN speed (green / yellow)

BIOS

BIOS features	UEFI compliant Legacy BIOS compatibility customer configuration option Secure boot support ROM based setup utility GPT support for boot drives larger than 2.2 TB Memory Redundancy support (Mirroring, Sparing) IPMI support Recovery BIOS BIOS settings save and restore Local BIOS update from USB device Online update tools for main Windows and Linux versions Local and remote update via ServerView Update Manager IPv4/IPv6 remote PXE & iSCSI boot support

Operating Systems and Virtualization Software

Certified or supported operating systems and virtualization software	Microsoft® Hyper-V Server 2012 R2
	Microsoft® Windows Server® 2012 R2 Datacenter
	Microsoft® Windows Server® 2012 R2 Standard
	Microsoft® Windows Server® 2012 R2 Essentials
	Microsoft® Windows Storage Server 2012 R2 Standard
	Microsoft® Hyper-V Server 2012
	Microsoft® Windows Server® 2012 Datacenter
	Microsoft® Windows Server® 2012 Standard
	Microsoft® Windows Server® 2012 Essentials
	Microsoft® Windows Storage Server 2012 Standard
	Microsoft® Windows Server® 2008 R2 Datacenter
	Microsoft® Windows Server® 2008 R2 Enterprise
	Microsoft® Windows Server® 2008 R2 Standard
	VMware vSphere™ 5.5
	VMware vSphere™ 5.1 Embedded
	VMware vSphere™ 5.1
	SUSE® Linux Enterprise Server 12
	SUSE® Linux Enterprise Server 11
	Red Hat® Enterprise Linux 7
	Red Hat® Enterprise Linux 6
	Citrix® XenServer®
	Oracle® Linux 7
	Oracle® Linux 6
	Oracle® VM 3
Operating system release link	http://docs.ts.fujitsu.com/dl.aspx?id=d4ebd846-aa0c-478b-8f58-4cfbf3230473
Operating system notes	Support of other Linux derivatives on demand

Server Management	
Standard	ServerView Suite - Deploy SV Installation Manager SV Scripting Toolkit ServerView Suite - Control Operations Manager incl. PDA and ASR & R (Prefailure and Analysis; Automatic Server Recovery and Restart) Agents and CIM Providers System Monitor RAID Manager Capacity Management Power Management Storage Support ServerView Suite - Maintain Remote Management (iRMC in combination with Intel® Node Manager) Update Management (BIOS, Firmware, Windows Drives and SV Agents) Performance Measurement Asset Management Online Diagnostics ServerView Suite - Integrate Integration packs e.g. for Microsoft System Center, VMware vCenter, Nagios, HP SIM and others Deployment Solutions and others
Option	ServerView Suite - Maintain iRMC Advanced Pack incl. Advanced Video Redirection (AVR), video capturing and Virtual Media ServerView Suite - Integrate Integration pack for Fujitsu ManageNow® solution ServerView Suite - Dynamize Virtual-IO Manager (VIOM)
Server Management notes	Regarding dependencies for ServerView Suite software products see dedicated product data sheets.

Dimensions / Weight	
Rack (W x D x H)	483 mm (Bezel) / 435mm (Body) x 724 x 43 mm
Mounting Depth Rack	771 mm
Height Unit Rack	1 U
19" rackmount	Yes
Mounting Cable depth rack	200 mm (1,000 mm Rack recommended)
Weight	up to 16 kg
Weight notes	Actual weight may vary depending on configuration
Rack integration kit	Rack integration kit as option

Environmental	
Operating ambient temperature	5 - 40 °C (41 - 104 °F)
Operating temperature note	Cool-safe® Advanced Thermal Design (above 35 °C or below 10 °C) depending on configuration. For detailed information see relevant system configurator.
Operating relative humidity	10 - 85 % (non condensing)
Operating environment	FTS 04230 – Guideline for Data Center (installation specification)
Operating environment link	http://docs.ts.fujitsu.com/dl.aspx?id=e4813edf-4a27-461a-8184-983092c12dbe
Noise emission	Measured according to ISO 7779 and declared according to ISO 9296
Sound pressure (LpAm)	Noise minimum configuration: 34 dB(A) (idle) / 44 dB(A) (operating) Noise typical configuration: 34 dB(A) (idle) / 44 dB(A) (operating)
Sound power (LWAd; 1B = 10dB)	Noise minimum configuration: 5.1 B (idle) / 6.2 B (operating) Noise typical configuration: 5.1 B (idle) / 6.2 B (operating)
Noise notes	Noise emissions and operation modes depend on system configuration. Operating mode measured based on OLTIS with 50% load. *OLTIS = FUJITSU Load Profile which stresses all components of a server with a given load level.

Electrical values	
Power supply configuration	1 x hot-plug power supply or 2 x hot-plug power supply for redundancy
Hot-plug power supply redundancy	Optional
Active power (max. configuration)	816 W
Apparent power (max. configuration)	825 VA

Electrical values	
Rated current max.	8.5 A (100 V) / 3.5 A (240 V)
Heat emission	2937.6 kJ/h (2784.3 BTU/h)
Power supply	450W hot-plug, 94% (Platinum efficiency), 100-240V, 50-60Hz 800W hot-plug, 94% (Platinum efficiency), 100-240V, 50-60Hz 800W hot-plug, 96% (Titanium efficiency), 200-240V, 50-60Hz

Compliance	
Global	CB RoHS (Substance limitations in accordance with global RoHS regulations) WEEE (Waste electrical and electronical equipment)
Europe	CE
USA/Canada	CSAc/us ICES-003 / NMB-003 Class A FCC Class A
Japan	VCCI:V3 Class A + JIS 61000-3-2
South Korea	KC (planned)
China	CCC (planned)
Australia/New Zealand	C-Tick (planned)
Taiwan	CNS 13438 class A - planned
Compliance link	http://globalsp.ts.fujitsu.com/sites/certificates
Compliance notes	There is general compliance with the safety requirements of all European countries and North America. National approvals required in order to satisfy statutory regulations or for other reasons can be applied for on request. * Warning: This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Components

Optical drives	Blu-ray Disc™ Triple Writer, (6x BD-RW, 8x DVD, 24x CD), ultraslim, SATA I
	DVD Super Multi ultra slim , (8x DVD; 24x CD), ultraslim, SATA I

Hard disk drives

HDD SATA, 6 Gb/s, 4 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical
HDD SATA, 6 Gb/s, 3 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical
HDD SATA, 6 Gb/s, 2 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical
HDD SATA, 6 Gb/s, 1 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical
HDD SAS, 12 Gb/s, 900 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 600 GB, 15,000 rpm, hot-plug, 3.5-inch, enterprise
HDD SAS, 12 Gb/s, 600 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 450 GB, 15,000 rpm, hot-plug, 3.5-inch, enterprise
HDD SAS, 12 Gb/s, 450 GB, 15,000 rpm, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 450 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 300 GB, 15,000 rpm, hot-plug, 3.5-inch, enterprise
HDD SAS, 12 Gb/s, 300 GB, 15,000 rpm, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 1.8 TB, 10,000 rpm, hot-plug, 2.5-inch, enterprise
HDD SAS, 12 Gb/s, 1.2 TB, 10,000 rpm, hot-plug, 2.5-inch, enterprise
HDD SAS, 6 Gb/s, 900 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise
HDD SAS, 6 Gb/s, 600 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise
HDD SAS, 6 Gb/s, 300 GB, 10,000 rpm, hot-plug, 2.5-inch, enterprise
HDD SAS, 6 Gb/s, 4 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical
HDD SAS, 6 Gb/s, 3 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical
HDD SAS, 6 Gb/s, 2 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical
HDD SAS, 6 Gb/s, 1.2 TB, 10,000 rpm, hot-plug, 2.5-inch, enterprise
HDD SAS, 6 Gb/s, 1 TB, 7,200 rpm, hot-plug, 3.5-inch, business critical

Solid-State-Drive	SSD SATA, 6 Gb/s, 800 GB, Read-Intensive Endurance, hot-plug, 3.5-inch, enterprise, 0.3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 800 GB, Mainstream Endurance, hot-plug, 3.5-inch, enterprise
	SSD SATA, 6 Gb/s, 800 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise
	SSD SATA, 6 Gb/s, 800 GB, hot-plug, 2.5-inch, enterprise, 0.3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 480 GB, Read-Intensive Endurance, hot-plug, 3.5-inch, enterprise, 0.3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 480 GB, hot-plug, 2.5-inch, enterprise, 0.3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 400 GB, Mainstream Endurance, hot-plug, 3.5-inch, enterprise
	SSD SATA, 6 Gb/s, 400 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise
	SSD SATA, 6 Gb/s, 240 GB, Read-Intensive Endurance, hot-plug, 3.5-inch, enterprise, 0.3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 240 GB, hot-plug, 2.5-inch, enterprise, 0.3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 200 GB, Mainstream Endurance, hot-plug, 3.5-inch, enterprise
	SSD SATA, 6 Gb/s, 200 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise
	SSD SATA, 6 Gb/s, 120 GB, Read-Intensive Endurance, hot-plug, 3.5-inch, enterprise, 0.3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 120 GB, Read-Intensive Endurance, hot-plug, 2.5-inch, enterprise, 0.3 DWPD (drive writes per day for 5 years)
	SSD SATA, 6 Gb/s, 100 GB, Mainstream Endurance, hot-plug, 3.5-inch, enterprise
	SSD SATA, 6 Gb/s, 100 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise
	SSD SAS, 12 Gb/s, 800 GB, Mainstream Endurance, hot-plug, 3.5-inch, enterprise
	SSD SAS, 12 Gb/s, 800 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise
	SSD SAS, 12 Gb/s, 400 GB, Mainstream Endurance, hot-plug, 3.5-inch, enterprise
	SSD SAS, 12 Gb/s, 400 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise
	SSD SAS, 12 Gb/s, 200 GB, Mainstream Endurance, hot-plug, 3.5-inch, enterprise
	SSD SAS, 12 Gb/s, 200 GB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise
	SSD SAS, 12 Gb/s, 1.6 TB, Mainstream Endurance, hot-plug, 3.5-inch, enterprise
	SSD SAS, 12 Gb/s, 1.6 TB, Mainstream Endurance, hot-plug, 2.5-inch, enterprise
	PCIe-SSD SFF, 800 GB, MLC, 2.5-inch, Flash drive, 10 DWPD (drive writes per day)
	PCIe-SSD SFF, 2 TB, MLC, 2.5-inch, Flash drive, 10 DWPD (drive writes per day)
	PCIe-SSD SFF, 1.6 TB, MLC, 2.5-inch, Flash drive, 10 DWPD (drive writes per day)
	DOM SATA, 6 Gb/s, 128 GB, non hot plug, enterprise, 345TBW (Seq. write)
	DOM SATA, 6 Gb/s, 64 GB, non hot plug, enterprise, 172TBW (Seq. write)
	DOM SATA, 6 Gb/s, 32 GB, non hot plug, enterprise, 86TBW (Seq. write)
SCSI / SAS Controller	SAS Ctrl. 12 Gbit/s 8 ports int. PCIe 3.0 x8
	SAS Ctrl. 12 Gbit/s 8 ports ext. PCIe 3.0 x8
RAID Controller	RAID Ctrl., SAS/SATA 12 Gbit/s, Fujitsu PRAID CP400i, 8 ports int. RAID level: 0, 1, 1E, 10, 5, No BBU support
	RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, Fujitsu PRAID EP420i, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 2 GB, Optional FBU based on LSI SAS3108
	RAID 5/6 Ctrl., SAS/SATA 12 Gbit/s, Fujitsu PRAID EP400i, 8 ports int. RAID level: 0, 1, 10, 5, 50, 6, 60, 1 GB, Optional FBU based on LSI SAS3108
Fibre Channel controller	Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Qlogic QLE2560 MMF LC-style
	Fibre Channel Host Bus Adapter 2 x 8 Gbit/s Qlogic QLE2562 MMF LC-style
	Fibre Channel Host Bus Adapter 1 x 8 Gbit/s Emulex LPe1250 MMF LC-style
	Fibre Channel Host Bus Adapter 2 x 8 Gbit/s Emulex LPe12002 MMF LC-style
	Fibre Channel Host Bus Adapter 1 x 16 Gbit/s Emulex LPe16000B LC-style
	Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Emulex LPe16002B LC-style
	Fibre Channel Host Bus Adapter 1 x 16 Gbit/s Qlogic QLE2670 LC-style
	Fibre Channel Host Bus Adapter 2 x 16 Gbit/s Qlogic QLE2672 LC-style

Communication, Network	Converged Network Adapter 2 x 10 Gbit/s PCIe 3.0 x8 SFP+ (Emulex)
	Ethernet Ctrl. 2 x 10 Gbit/s PCIe 2.0 x8 SFP+ (Fujitsu)
	Ethernet Ctrl. 2 x 10 Gbit/s PCIe 2.1 x8 RJ45 (Intel®)
	Ethernet Ctrl. 2 x 10 Gbit/s PCIe 3.0 x8 SFP+ (Emulex)
	Ethernet Ctrl. 2 x 1 Gbit/s PCIe 2.1 x4 RJ45 (Intel®)
	Ethernet Ctrl. 4 x 1 Gbit/s PCIe 2.1 x4 RJ45 (Intel®)
	InfiniBand HCA 1 x 40 Gbit/s PCIe 2.0 x8 QSFP (Intel®)
	InfiniBand HCA 1 x 40 Gbit/s PCIe 3.0 x8 QSFP (Mellanox)
	InfiniBand HCA 1 x 56 Gbit/s PCIe 3.0 x8 QSFP for the US market max. one IB HCA 56Gb controller can be installed (Mellanox)
	InfiniBand HCA 2 x 40 Gbit/s PCIe 2.0 x8 QSFP (Intel®)
	InfiniBand HCA 2 x 40 Gbit/s PCIe 3.0 x8 QSFP (Mellanox)
	InfiniBand HCA 2 x 56 Gbit/s PCIe 3.0 x8 QSFP for the US market max. one IB HCA 56Gb controller can be installed (Mellanox)
	Interface modul for Dynamic LoM 2 x 10 Gbit/s RJ45 (Emulex)
	Interface modul for Dynamic LoM 2 x 10 Gbit/s SFP+ (Emulex)
	Interface modul for Dynamic LoM 2 x 1 Gbit/s RJ45 (Emulex)
	Interface modul for Dynamic LoM 4 x 1 Gbit/s RJ45 (Emulex)
	Interface modul for Dynamic LoM x ( )
Rack infrastructure	Rackmount kit full extraction (815mm), tool less mounting, length variable 559-914mm
	Rackmount kit full extraction (815mm), tool less mounting, length variable 559-914mm
	Cable Management 1U for PRIMECENTER- and 3rd-party racks

Warranty	
Warranty period	3 years
Service level	Onsite warranty
Warranty Terms & Conditions	http://support.ts.fujitsu.com/warranty/Index.asp?LNG=COM
Product Support Services - the perfect extension	
Support Pack Options	Globally available in major business areas: 9x5, Next Business Day Onsite Response Time 9x5, 4h Onsite Response Time 24x7, 4h Onsite Response Time
Recommended Service	24x7, Onsite Response Time: 4h - For locations outside of EMEA please contact your local Fujitsu partner.
Service Lifecycle	5 years after end of product life
Service Weblink	http://www.fujitsu.com/fts/products/product-support-services/

More information

Fujitsu OPTIMIZATION Services

In addition to Fujitsu PRIMERGY RX2530 M1, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio
Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

Computing Products
www.fujitsu.com/global/products/computing/

Software
www.fujitsu.com/software/

More information

Learn more about Fujitsu PRIMERGY RX2530 M1, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
http://www.fujitsu.com/PRIMERGY

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.
Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT.
Please find further information at http://www.fujitsu.com/global/about/environment

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